

TECHNICAL BULLETIN



Automatic Transmission Gearshift Interlock – Gear Selector Locks in Park – Repair Procedure

86-146

MODEL Sedan Range 1993-94 MY

DATE 3/95

Remove and destroy Bulletin 86-132, Amended 12/94.

The information contained in this bulletin supersedes previously published information.

ISSUE:

The gear selector locks in the PARK position with the ignition switched ON and the brake applied. The automatic transmission gearshift interlock is designed to prevent movement of the gear selector from the PARK position unless the ignition switch is in position II and the brake pedal is applied. In addition, the ignition key cannot be removed from the ignition switch unless the gear selector is in PARK.

This system is installed in all Sedan Range vehicles from VIN 667829 ON.

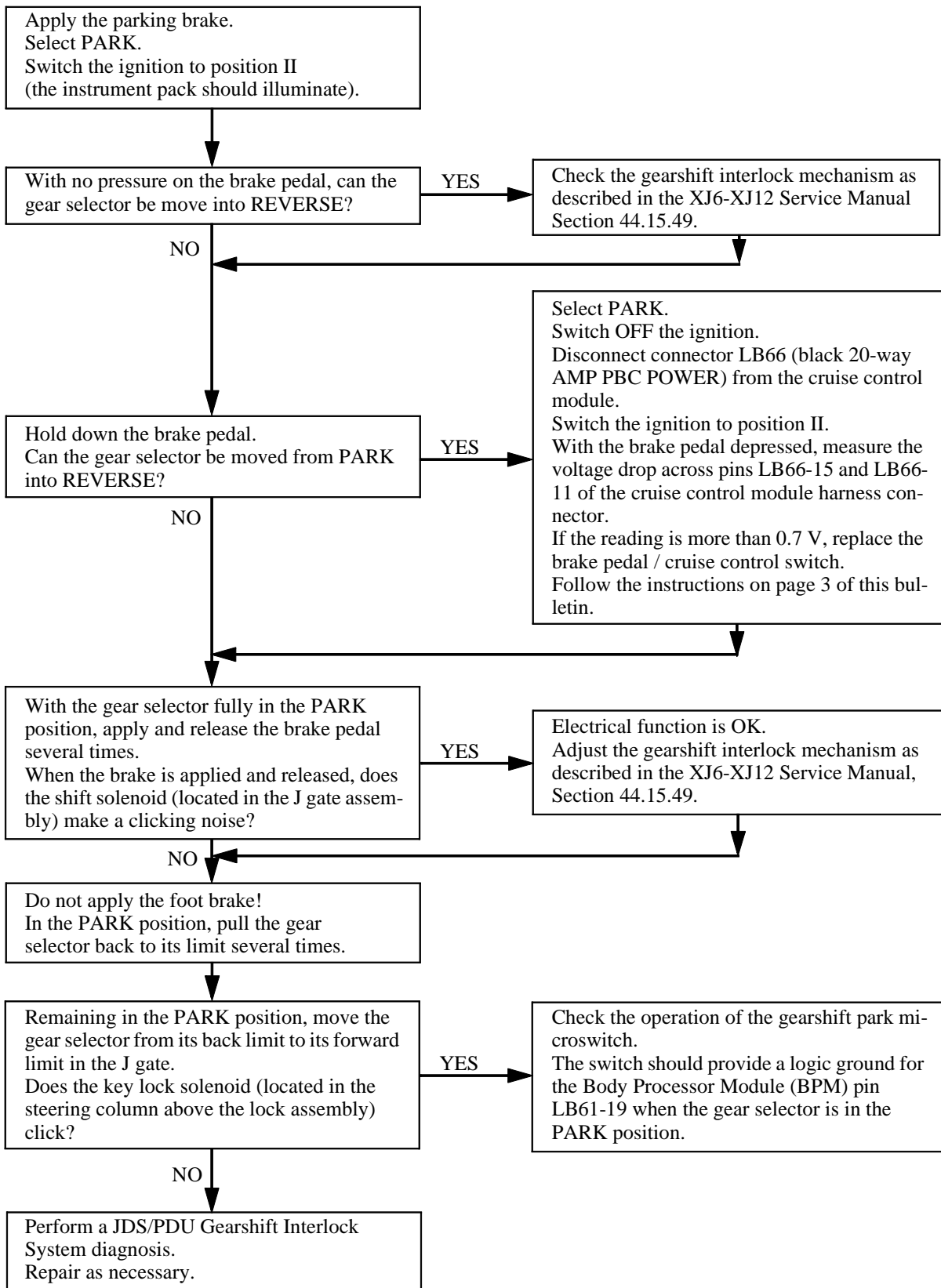
ACTION:

If a customer complains of difficulty getting the gear selector lever out of the PARK position, follow the instructions in the Gearshift Interlock Diagnosis Guide on page 2 of this bulletin.

IMPORTANT: The selector may appear to lock in PARK if the customer puts pressure on the selector lever before applying the brake. Advise the customer of the following procedure for moving the gear selector out of PARK.

1. Do not attempt to move the gear selector
2. Switch the ignition to position II or start the engine
3. Press the brake pedal
4. Move the gear selector from PARK to the required position.

GEAR SHIFT INTERLOCK DIAGNOSIS GUIDE



BRAKE PEDAL / CRUISE CONTROL SWITCH REPLACEMENT PROCEDURE

1. Remove the driver side dash liner assembly to access the pedal housing.
2. Cut the brake pedal / cruise control switch harness tie strap and disconnect the harness from the switch.
3. Remove the nut and bolt retaining the switch assembly to the pedal housing (Illustration 1). Remove the switch assembly.

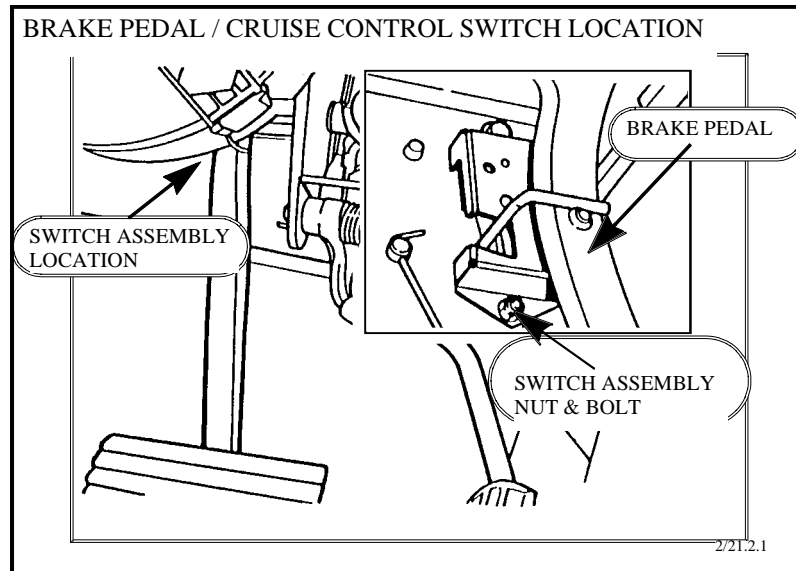


ILLUSTRATION 1

4. On the new switch assembly, check that only 2 teeth are engaged in the ratchet (Illustration 2). If necessary gently disengage the ratchet and reset until two teeth are engaged.

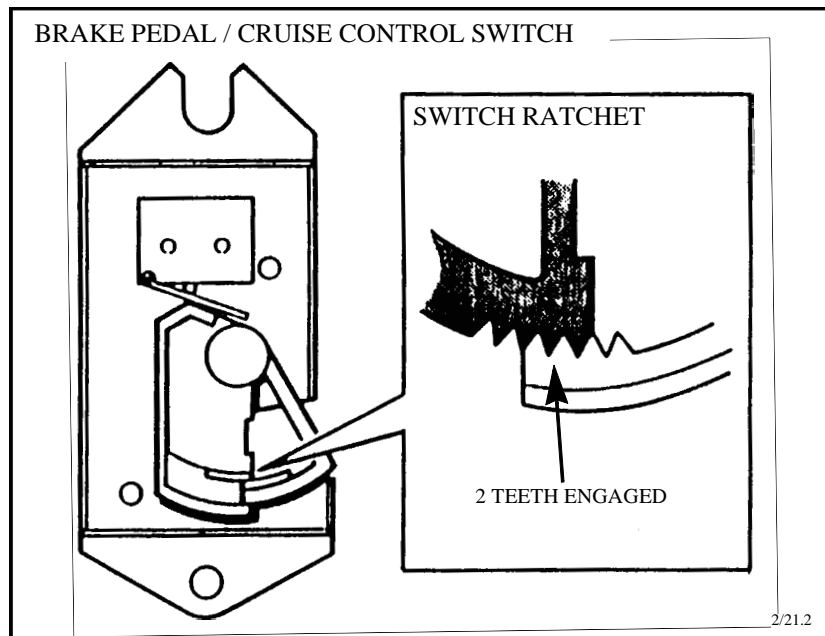


ILLUSTRATION 2

5. With the brake pedal held down, fit and fully tighten the new switch assembly.
6. Slowly release the brake pedal. The switch will click several times as the ratchet mechanism self adjusts.
7. Connect the harness to the switch and fit a new tie strap.
8. Switch the ignition to position II.
9. Check the stop light operation.
10. Check the operation of the gear shift interlock system.
 - The system prevents movement of the gear selector from PARK unless the ignition switch is in position II and the brake pedal is depressed. In addition, the ignition key cannot be removed from the ignition switch unless the gear selector is in park.
11. Refit the dash liner assembly.

PARTS INFORMATION:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>
Brake pedal/cruise control switch	DBC 10800
Tie strap	AGU 1058/J

WARRANTY INFORMATION:

<u>MODEL</u>	<u>FAULT CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
Sedan Range 1995 MY	BL BJ LF	86.65.52	Brake pedal/cruise control switch - Renew - With diagnostic time	0.55 hrs.
		86.65.52/09	Brake pedal/cruise control switch - Renew - Without diagnostic time	0.20 hrs.
Sedan Range 1993-94 MY	BL BJ LF	86.65.52	Brake pedal/cruise control switch - Renew - With diagnostic time	0.60 hrs.
		86.65.52/09	Brake pedal/cruise control switch - Renew - Without diagnostic time	0.25 hrs.